

**Amendments to the Claims:**

Cancel claims 1 – 28 as original filed. The following is a listing of new claims 29 – 56 which will replace all prior versions, and listings, of claims in the application:

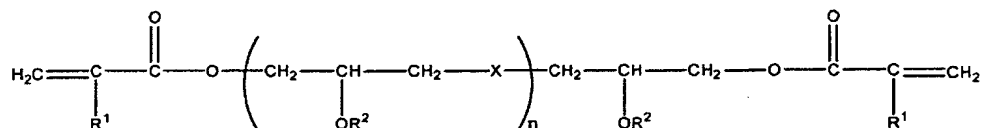
**Listing of Claims:**

Claims 1 – 28 (canceled)

Claim 29 (new): A photocurable composition comprising:

- at least one epoxy vinyl ester resin;
- at least one urethane acrylate resin;
- at least one non-silicone organic particulate filler exhibiting a mean particle size of less than 10  $\mu\text{m}$  and a specific surface of greater than 10  $\text{m}^2/\text{g}$ ; and
- at least one photoinitiator.

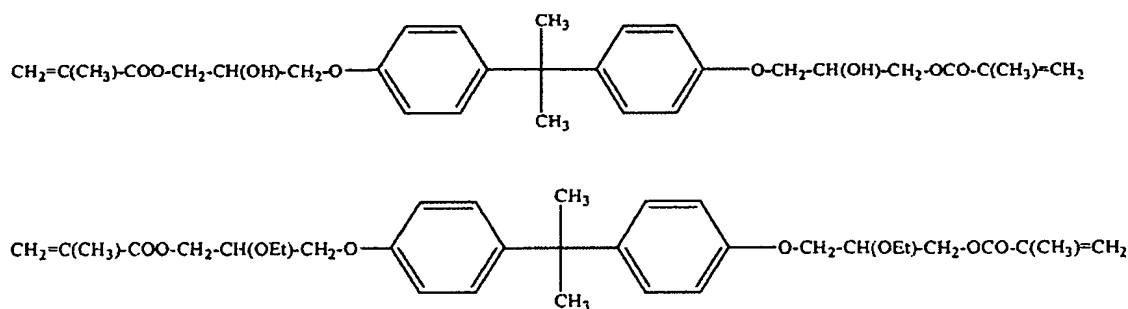
Claim 30 (new): The photocurable composition of Claim 29, in which the epoxy vinyl ester resin corresponds to the formula:



in which:

- $\text{R}^1$  represents a hydrogen atom or a methyl group;
- $\text{R}^2$  represents a hydrogen atom or an alkyl group comprising from 1 to 3 carbon atoms;
- X represents a bisphenol A unit;
- n is an integer ranging from 1 to 10.

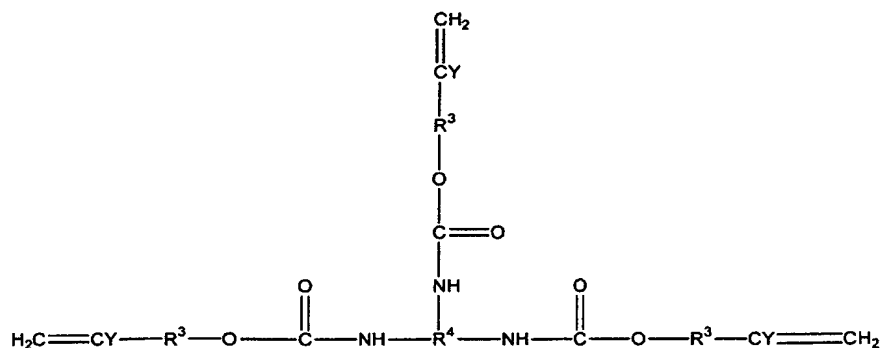
Claim 31 (new): The photocurable composition of Claim 29, in which the epoxy vinyl ester resin is chosen from the resins with the following formulae:



with Et representing an ethyl group.

Claim 32 (new): The photocurable composition of Claim 29, in which the epoxy vinyl ester resin is present in the composition at a content ranging from 18 to 50% by weight with respect to the total weight of the composition.

Claim 33 (new). The photocurable composition of Claim 29, in which the urethane acrylate resin corresponds to the following general formula:



in which

- $\text{R}^3$  represents a group of formula  $-\text{CH}_2-(\text{CH}_2)_n-\text{O}-\text{CO}-$  with  $n$  being an integer equal to 1 or 2;
- $\text{Y}$  represents H or  $-\text{CH}_3$ ;
- $\text{R}^4$  represents an alkylene group comprising from 1 to 10 carbon atoms.

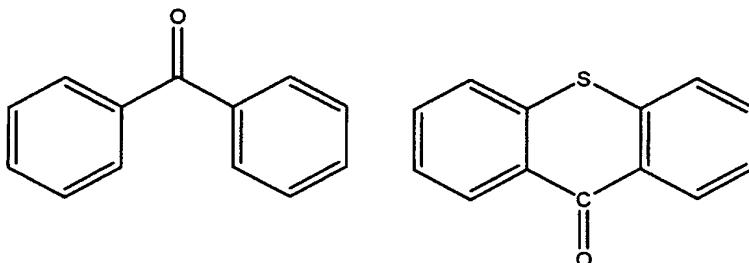
Claim 34 (new): The photocurable composition of Claim 29, in which the urethane acrylate resin is present in the composition at a content ranging from 1 to 50% by weight with respect to the total weight of the composition.

Claim 35 (new): The photocurable composition of Claim 29, in which the non-silicone organic particulate filler is chosen from particulate polymers of the group consisting of polyamides, polyacrylates, optionally fluorinated polyolefins, and polysaccharides.

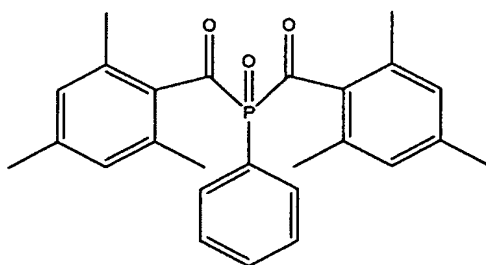
Claim 36 (new): The photocurable composition of Claim 29, in which the non-silicone organic particulate filler is present in the composition at a content ranging from 10 to 25% by weight with respect to the total weight of the composition.

Claim 37 (new): The photocurable composition of Claim 29, in which the photoinitiator is chosen from aromatic ketones and bisacylphosphine oxide compounds.

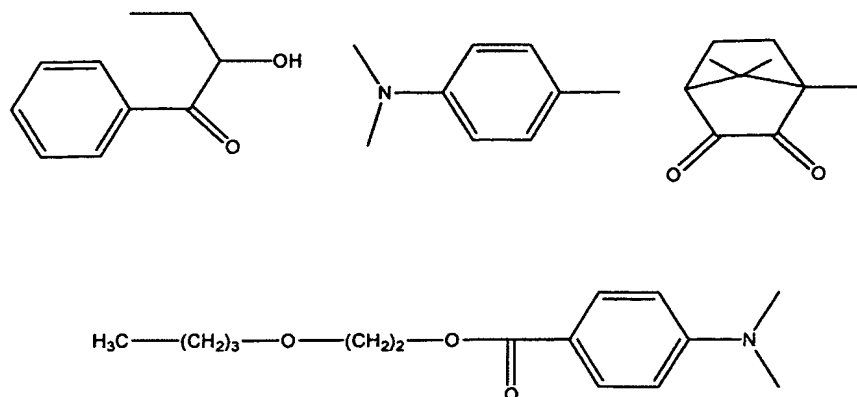
Claim 38 (new): The photocurable composition of Claim 37, in which the photoinitiator corresponds to aromatic ketones corresponding to the following formulae:



Claim 39 (new): The photocurable composition of Claim 37, in which the photoinitiator corresponds to a bisacylphosphine oxide compound of following formula:



Claim 40 (new): The photocurable composition of Claim 29, in which the photoinitiator corresponds to one of the following formulae:



Claim 41 (new): The photocurable composition of Claim 29, in which the photoinitiator is present in the composition in a content ranging from 0.1 to 2% by weight with respect to the total weight of the composition.

Claim 42 (new): The photocurable composition of Claim 29, additionally comprising at least one elastomeric compound and/or one elastomeric composition.

Claim 43 (new): The photocurable composition of Claim 42, in which the elastomeric compound is a compound chosen from (ethylene/vinyl acetate) copolymers or (hexafluoropropylene/vinylidene fluoride) copolymers.

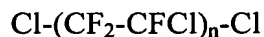
Claim 44 (new): The photocurable composition of Claim 42, in which the elastomeric compound and/or the elastomeric composition is (are) present in the composition at a content ranging from 20 to 60% by weight with respect to the total weight of the composition.

Claim 45 (new): The photocurable composition of Claim 29, additionally comprising at least one polyester resin.

Claim 46 (new): The photocurable composition of Claim 29, additionally comprising at least one oil.

Claim 47 (new): The photocurable composition of Claim 46, in which the oil is a non-silicone oil.

Claim 48 (new): The photocurable composition of Claim 46, in which the oil is an oil of formula:

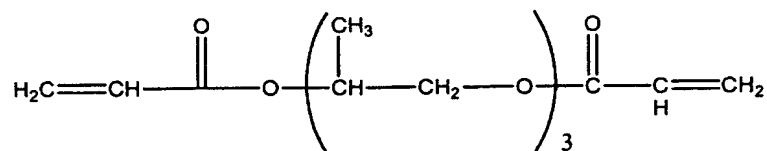


with n being an integer ranging from 3 to 4.

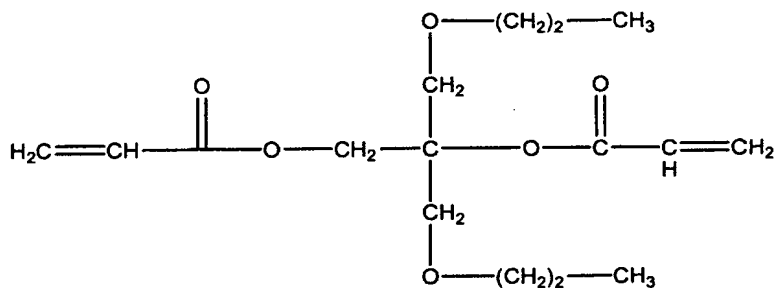
Claim 49 (new): The photocurable composition of Claim 46, in which the oil is present in the composition at a content ranging from 0.5 to 3% by weight with respect to the total weight of the composition.

Claim 50 (new): The photocurable composition of Claim 29 additionally comprising at least one reactive solvent.

Claim 51 (new): The photocurable composition of Claim 50, in which the reactive solvent is chosen from the solvents corresponding to one of the following formulae:



tripropylene glycol diacrylate (TPGDA)



propoxylated 2-neopentyl glycol diacrylate (PONPGDA)

and the mixtures of these.

Claim 52 (new): The use of a photocurable composition as claimed in Claim 29 in the manufacture of a dental prosthesis preform and/or of a dental prosthesis pattern.

Claim 53 (new): A dental prosthesis preform based on a photocurable composition as claimed in Claim 29.

Claim 54 (new): A dental prosthesis pattern based on a photocurable composition as claimed in Claim 29.

Claim 55 (new): A process for the preparation of a dental prosthesis pattern comprising the following steps:

- a step of taking an impression, carried out by applying an appropriate material to a buccal part to be provided with a prosthesis, so as to obtain an impression of said buccal part;
- a step of preparing a plaster model, consisting in pouring plaster into the impression prepared above;
- a step of modeling the desired pattern on the plaster model with the photocurable composition as defined in Claim 29;
- a step of photocuring said pattern;
- a step of separating said pattern, thus photocured, from the plaster model.

Claim 56 (new): A process for the preparation of a dental prosthesis, comprising:

- the use of the process as claimed in Claim 55 for the preparation of the pattern;
- a step of investing said pattern in a cylinder, on conclusion of which an investment mold of the dental prosthesis is obtained;
- a step of calcining said pattern;
- a step of filling the investment mold with a molten metal or metal alloy, followed by cooling, so as to solidify the metal or metal alloy;
- a step of destroying the investment mold, so as to release the dental prosthesis.